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**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

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**Material Name**

Aquabase 120

**Synonyms**

Water based Adhesive

**Chemical Family**

Adhesive

**Product Use**

Contact Adhesive for TPO/EPDM Single-ply roofing

**Restrictions on Use**

None identified

**Manufacturer Information**

Carlisle SynTec  
1285 Ritner Highway  
Carlisle, PA 17013 USA  
Phone: +1-800-479-6832  
Emergency Phone #: +1-800-424-9300 (Chemtrec)

**Supplier Information:**

Mule-Hide Products Co., Inc.  
1195 Prince Hall Drive  
Beloit, WI 53511  
(800) 786-1492

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**Section 2 - HAZARDS IDENTIFICATION**

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**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Skin Sensitization - Category 1

**GHS Label Elements****Symbol(s)****Signal Word**

Warning

**Precautionary Statement(s)****Prevention**

Avoid breathing vapors, mist, or spray.

Wear protective gloves

Contaminated work clothing must not be allowed out of the workplace

**Response**

IF ON SKIN was with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

**Storage**

Not prescribed

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

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**Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

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CAS	Component Name	Percent
102-71-6	Triethanolamine	0.1-1

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**Section 4 - FIRST AID MEASURES**

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**Inhalation**

Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention

**Skin**

Immediately wash skin thoroughly with soap and water. Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention.

**Eyes**

Rinse immediately with water for 15 minutes also under the eyelids. Get medical advice/attention.

**Ingestion**

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person..

**Symptoms**

See section 11

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**Section 5 - FIRE FIGHTING MEASURES**

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**Extinguishing Media**

**Extinguishing Media**

Use extinguishing measures appropriate to local circumstances and the surrounding environment.

**Unusual fire or explosion hazards:**

This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a slight fire hazard.

**Hazardous Combustion Products**

Oxides of carbon

**Special firefighting procedures:** Keep unnecessary personnel away. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

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**Section 6 - ACCIDENTAL RELEASE MEASURES**

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**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Methods and Materials for Containment and Cleaning Up**

Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Dispose of contaminated material as waste according to Section 13.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Do not allow product to enter sewer or waterways

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**Section 7 - HANDLING AND STORAGE**

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**Precautions for Safe Handling**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Conditions for Safe Storage**

Do not freeze.

**Incompatible Materials**

Acids, bases, strong oxidizing agents

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

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**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.**

## Safety Data Sheet

**Material Name: Aquabase 120**
**SDS 10-2505**

<b>Triethanolamine</b>	102-71-6
ACGIH TLV:	5 mg/m <sup>3</sup> TWA
OSHA (US) PEL:	None
AIHA WEEL	None

### Engineering Controls

Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

### Eye/face protection

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

### Skin Protection

Use impermeable gloves and protective clothing as necessary to prevent skin contact. Wear suitable protective clothing.

### Respiratory Protection

Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respirator use (29 CFR 1910.134).

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	liquid	<b>Physical State</b>	liquid
<b>Odor</b>	Ammonia	<b>Color</b>	pink
<b>Odor Threshold</b>	Not available	<b>pH</b>	8.25
<b>Melting Point</b>	0 °C (32°F) (Freezing point)	<b>Boiling Point</b>	56 - 139 °C (133-283 °F)
<b>Freezing point</b>	Not available	<b>Evaporation Rate</b>	Same as water.
<b>Boiling Point Range</b>	100 °C (212°F)	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	Not determined	<b>Flash Point</b>	> 100 °C (> 212°F)
<b>Lower Explosive Limit</b>	Not available.	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	Not available.	<b>Vapor Pressure</b>	Not determined
<b>Vapor Density (air=1)</b>	Heavier than air	<b>Specific Gravity (water=1)</b>	1.06

## Safety Data Sheet

Material Name: Aquabase 120

SDS 10-2505

<b>Water Solubility</b>	Soluble	<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Viscosity</b>	Not available.	<b>VOC</b>	0.0 G/L

### Other Information

No additional information available.

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## Section 10 - STABILITY AND REACTIVITY

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### Reactivity

Not available

### Stability

Stable under normal conditions of use.

### Hazardous Reactions

Will not occur.

### Conditions to Avoid

Do not freeze

### Incompatible Materials

Contact with water reactive materials (such as oleum) can cause exothermic reactions.

### Hazardous decomposition products

Oxides of carbon

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## Section 11 - TOXICOLOGICAL INFORMATION

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### Information on Likely Routes of Exposure

#### Inhalation

Inhalation of vapors or mists of the product may be irritating to the respiratory system.

#### Skin Contact

Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.

#### Eye Contact

This product may cause slight irritation to the eyes.

#### Ingestion

Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:



## Safety Data Sheet

Material Name: Aquabase 120

SDS 10-2505

Triethanolamine

Oral LD50 Rat 8.0 g/kg

Dermal LD50 Rabbit >20,000 mg/kg

### Immediate Effects

Irritant, Allergen

### Component Carcinogenicity

Triethanolamine	
IARC:	No
OSHA	No
NTP	No

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## Section 12 - ECOLOGICAL INFORMATION

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### Ecological information

Not available

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## Section 13 - DISPOSAL CONSIDERATIONS

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Information provided is for unused product only.

### Recommended method of disposal:

Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product.

### Hazardous waste number:

Not a RCRA hazardous waste.

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## Section 14 - TRANSPORT INFORMATION

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The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated

Hazard class or division: None



## Safety Data Sheet

**Material Name: Aquabase 120**

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Identification number: None

Packing group: None

### **International Air Transportation (ICAO/IATA)**

Proper shipping name: Not regulated

Hazard class or division: None

Identification number: None

Packing group: None

### **Water Transportation (IMO/IMDG)**

Proper shipping name: Not regulated

Hazard class or division: None

Identification number: None

Packing group: None

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## Section 15 - REGULATORY INFORMATION

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### **U.S. Federal Regulations**

#### **TSCA 8 (b) Inventory Status**

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

#### **TSCA 12 (b) Export Notification:**

None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis

CERCLA/SARA Section 311/312: Immediate Health

CERCLA/SARA Section 313: None above reporting de minimis

#### **California Proposition 65:**

This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### **Canada Regulatory Information**

CEPA DSL/NDSL Status:

One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

## Safety Data Sheet

Material Name: Aquabase 120

SDS 10-2505

### Section 16 - OTHER INFORMATION

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#### Summary of Changes

New SDS: May 20, 2015

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

#### Other Information

##### Disclaimer:

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